

**APPLICATION PACKET
FOR A
CONCRETE BATCH PLANT
GENERAL PERMIT**

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I. INTRODUCTION

This application has been developed specifically for applicants pursuing coverage under the Concrete Batch Plant General Permit in lieu of an individual permit. However, this application is not intended as a substitute for the Arizona Air Quality Regulations.

A. APPLICABILITY

1. The Concrete Batch Plant General Permit, hereafter referred to as the General Permit, covers “stand-alone” stationary and portable plants (those which are not located on contiguous or adjacent property with a supporting crushing and screening plant) that are subject to state and/or county regulations.
2. This General Permit applies to sources operating in all counties of Arizona including Maricopa County. Sources planning to operate in Maricopa County need to calculate the hourly limitations that will be imposed on the facility due to the non-attainment status of the area. Sources will be limited to NO_x emissions of 135 pounds per day and 22.5 tons per year.
3. This General Permit applies only to the emission units listed in TABLE 1 below:

TABLE 1: EQUIPMENT AND ACTIVITIES COVERED UNDER THIS GENERAL PERMIT

Concrete Batch Plant*	Internal Combustion Engines****
Stand-Alone Silos**	Storage Piles
Baghouses***	Vehicular Traffic
Elevated Storage Bins	Wash Plant

* Includes connected conveyor systems and feed hoppers, enclosed augers and silos, weigh hoppers, and mixers.

** Includes attached baghouse and pneumatic or bucket loading system.

*** Those not attached to a silo.

**** Each internal combustion engine shall be issued an individual ATO, except those which are integrated into conveyors.

If operation of equipment not included in the above listing is necessary, than coverage under the General Permit cannot be granted. In this case, an application for an individual permit should be submitted.

4. To avoid exceeding the National Ambient Air Quality Standards (NAAQS) for particulate matter with mean diameter of less than 10 microns (PM₁₀) as established under A.A.C. R18-2-201, the Permittee will be required to limit the daily concrete production rate to:
 - a. **1,060** cubic yards (yd³) or less when operating under generator power; or
 - b. **1,175** yd³ or less when operating exclusively under commercial power.

To avoid exceeding the NAAQS for nitrogen oxides (NO_x) as established under A.A.C. R18-2-205, the Permittee shall limit the total rated horsepower (hp) of all internal combustion engines to **735** hp or less. This does **not** include mobile equipment such as trucks and front-end loaders.

5. Sources planning to operate solely in Maricopa, Pima or Pinal Counties during the entire permit term need to obtain an individual or a general permit from the Maricopa County Air Quality Control District (AQCD), Pima County AQCD, or Pinal County AQCD.

B. AUTHORIZATIONS TO OPERATE

1. If the applicant meets the criteria for coverage under this General Permit, an Authorization To Operate (ATO) will be issued for each concrete batch plant equipment (which includes connected conveyor systems and feed hoppers, enclosed augers and silos, weigh hoppers, and mixers), stand-alone silo (which includes attached baghouse and pneumatic or bucket loading system), and internal combustion engine (except those which are integrated into conveyors).
2. If the applicant is a rental company, the applicant will apply for coverage under this General Permit by grouping together representative equipment that are typical of the plants that are rented out to the concrete batch plant industry. This grouping will be limited in size by the concrete production and internal combustion engine horsepower limits described above. Depending upon the amount of rental equipment that is owned by the applicant, it is possible that the applicant may end up with multiple coverages under this General Permit.

C. JURISDICTION

Maricopa, Pima and Pinal County AQCDs may administer, inspect, and enforce this General Permit and issue ATOs for sources under their jurisdiction. The agency which issues the ATO has jurisdiction over these sources and is responsible for enforcing the conditions of this General Permit unless the Arizona Department of Environmental Quality (ADEQ) asserts jurisdiction over these sources.

1. Stationary Sources

Stationary sources wishing to obtain coverage under this General Permit and associated ATOs will be required to apply to the ADEQ, except for stationary sources which are located in either Maricopa, Pima or Pinal County. These stationary sources will be required to obtain coverage under this General Permit from the respective AQCD.

2. Portable Sources

- a. A portable source is any stationary source which is capable of being transported and operated in more than one county of Arizona.
- b. According to A.R.S. §49-402, portable sources wishing to obtain coverage under this General Permit will be required to apply to the ADEQ. However, if the portable source will operate for the remaining term of this General Permit in either Maricopa, Pima or Pinal County, then the respective AQCD will process the application for coverage under this General Permit.
- c. Only under some unforeseen situation may a portable source which has received coverage under this General Permit from either the Maricopa, Pima or Pinal County AQCD be allowed to operate in any other county, unless one of the following occurs:
 - (1) If a portable source is proposing to operate in a county without an AQCD, then the portable source will be required to apply to the ADEQ and obtain coverage under this General Permit before beginning operations in that county; or
 - (2) If a portable source is proposing to operate for the remaining term of this General Permit in another county with an AQCD, then the portable source will be required to apply to the respective AQCD and obtain coverage under this General Permit before beginning operations in that county.

D. PERMIT ISSUANCE TIME FRAME

According to A.A.C. R18-1-525, ADEQ has 21 business days to determine if the submitted general permit application is complete. Once the application is determined to be complete, the Department has 103 business days to make a licensing decision on the application. The counting of the days can be suspended by the Department upon the determination that additional information is needed. In such a case, a letter will be sent to the applicant informing them that the counting of days has been suspended, and will also specify what additional information is necessary to continue processing the application.

II. APPLICATION INSTRUCTIONS

This section helps the applicant assemble a complete application, perform the appropriate calculations, complete a compliance plan/certification, and submit all information in a manner that will expedite the application review.

Please read all of the following sections very carefully and provide all information requested. The final application, which you will submit, should include all the forms in the application packet and any attachments necessary to submit all information (i.e. map, plot plan, etc.). Make additional copies of the forms as necessary to ensure all of the required information is included.

A. STEP 1: Standard Permit Application Form

A.A.C. R18-2-304 requires applicants to submit the Standard Permit Application Form and Filing Instructions. The first step to fulfilling the submittal requirements for coverage under the General Permit is properly completing FORM 1 "STANDARD PERMIT APPLICATION FORM". Items 1 through 5 of the application form are self-explanatory. The rest are explained below in detail:

1. Item #6 asks for the Plant/Site Manager or Contact Person. This should be the person the ADEQ may contact for additional information.
2. Item #7 is necessary to determine the location of the plant. The township/range/section may be substituted for the latitude/longitude coordinates (degrees, minutes and seconds).
3. Item #8, the "Equipment Name/Purpose and Equipment List/Description" should describe what is produced at the plant.
4. Under Item #9, if the "other" box is checked, please be specific as to the type of organization.
5. Item #10 asks for the Permit Application Basis that indicates what type of permit is necessary. The following steps should be utilized when filling out Item #10:
 - a. If the equipment has never been permitted, then the boxes titled "New Source" and "General Permit" should be checked.
 - b. If the equipment is already permitted under an individual permit and you are applying for coverage under the General Permit, then the boxes titled "Renewal of Existing Permit" and "General Permit" should be checked and the current permit number must be included on the line titled "For renewal or modification, include existing permit number".
 - c. If you have a group of equipment covered by the General Permit and you are adding additional equipment, then the boxes titled "Revision" and "General Permit" should be checked and the current General Permit Number(s) must be included on the line titled "For renewal or modification, include existing permit number".
 - d. If the equipment is portable, then the box titled "Portable Source" should be checked.
 - e. For new sources the "Date of Commencement of Construction or Modification" is the expected date that construction will begin. For existing sources this date need not be defined.
 - f. If there is any chance that the equipment will be leased out, answer "yes" in the appropriate box.
 - g. The "Standard Industrial Classification Code" for concrete batch plants is 3273.
 - h. The "State Permit Class" for concrete batch plants utilizing this application packet is "II".
6. The "Responsible Official" referred to in Item #11 is the owner or a partner of the company in most cases. It may also be the president or vice-president of larger companies. If there is a question as to who the responsible official is, contact ADEQ for more information.

B. STEP 2: Determination of Coverage Eligibility

Coverage eligibility to operate under the general permit must be determined. FORM 2 is used for this determination - please complete sections A through F of that form as accurately as possible.

C. STEP 3: Equipment List

1. ADEQ needs to be able to identify all pieces of equipment covered under the General Permit. Use FORM 3 to provide a list of all equipment to be permitted including control equipment and internal combustion engines (this does not include internal combustion engines associated with motor driven vehicles). **The list should include not only the type of equipment, but also the make, model, maximum rated capacity, serial number, manufacture date, and equipment identification number (if available) of each piece of equipment.** Please make additional copies if necessary.
2. In many cases, the equipment will not yet have been purchased at the time of application. If this is the case, the serial number does not need to be listed, but an equipment identification number will need to be provided. The equipment identification number must be clearly stenciled on each piece of equipment that is to be permitted before such equipment is installed.

D. STEP 4: Air Pollution Controls

All pollution control equipment and pollution control procedures must be described in order to satisfy this submittal requirement. FORM 4 can be used to submit the necessary pollution control information.

E. STEP 5: Operation and Maintenance Plan

An operation and maintenance plan must be submitted by all applicants. FORM 6 can be used to submit a complete operation and maintenance plan.

F. STEP 6: Compliance Plan/Certification

A compliance plan/certification must be submitted by all applicants. FORM 7 can be used to submit a complete compliance plan/certification.

G. STEP 7: Map of Facility Location

Please provide a map of the current facility location, depicting the perimeter and point of entry. This may be a city map, topographical map or any map that clearly shows the location. Mark the location of the facility on the map and submit it as part of the application. The map should include driving directions to the facility site from the nearest highway.

H. STEP 8: Plot Plan

Please provide a plot plan of the current equipment configuration. A plot plan is an aerial drawing of the plant property drawn to scale or with the dimensions shown. It should include:

1. A schematic of the typical equipment layout;
2. Location of any fuel tanks, control equipment and other equipment;
3. A scale, if the drawing is to scale; and
4. Photographs of the equipment, if available.

I. STEP 9: Process Description

Please provide a process description or process flow diagram. A process description is a brief description of the product manufacturing process. For an industrial or manufacturing process, this includes a description of how feed stocks, intermediate and final products are received, processed, stored and/or mixed, as well as how the final products are handled.

J. STEP 10: Filing Instructions

1. An Application Fee of \$500 must be submitted by all applicants. Please make your check or money order payable to ADEQ. The Application Fee must accompany each application submittal.
2. Please mail the completed application and the \$500 Application Fee to the following address:

Arizona Department of Environmental Quality
Air Quality Division
1110 West Washington
Phoenix, Arizona 85007

3. Please remember to make photo copies of FORMS 1 through 6 of the application packet before mailing for your records.
4. Pages 1 through 6 of the application packet should be kept by the applicant for reference purposes.

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STANDARD PERMIT APPLICATION FORM

(As required by A.R.S. § 49-426, and Chapter 2, Article 3, Arizona Administrative Code)

1. Permit to be issued to: (Business license name of organization that is to receive permit) _____

2. Mailing Address: _____
City: _____ State: _____ ZIP: _____
3. Previous Company Name: (if applicable) _____
4. Name (or names) of Owners/Principals: _____
FAX #: _____ Phone: _____
5. Name of Owner's Agent: _____
FAX #: _____ Phone: _____
6. Plant/Site Manager/Contact Person and Title: _____
FAX #: _____ Phone: _____
7. Plant Site Name: _____
Plant Site Location/Address: _____
City: _____ County: _____ ZIP: _____
Indian Reservation (if applicable, which one): _____
Latitude/Longitude, Elevation: _____
8. Equipment Purpose: _____
Equipment List/Description: _____

9. Type of Organization:
~ Corporation ~ Individual Owner
~ Partnership ~ Government Entity (Government Facility Code: _____)
~ Other _____
10. Permit Application Basis: ~ New Source ~ Revision ~ Renewal of Existing Permit
(Check all that apply.) ~ Portable Source ~ General Permit
For renewal or modification, include existing permit number (and exp. date): _____
Date of Commencement of Construction or Modification: _____
Is **any** of the equipment to be leased to another individual or entity? ~ Yes ~ No
Standard Industrial Classification Code: _____ 3273 _____ State Permit Class: _____ II _____
11. Signature of Responsible Official of Organization: _____
Official Title of Signer: _____
12. Typed or Printed Name of Signer: _____
Date: _____ Telephone Number: _____

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FORM 2: DETERMINATION OF COVERAGE ELIGIBILITY

This section guides the applicant through a series of questions to determine coverage eligibility. If the applicant fails any of the eligibility criteria, then this general permit application cannot be used and an individual permit application package must be completed.

- A.** Will you be co-locating a supporting Crushing/Screening Plant with your Concrete Batch Plant? Yes ☐ No ☐

If Yes, you do not qualify for coverage under the Concrete Batch Plant General Permit. Please complete an individual permit application package.

- B.** Will you solely operate in Maricopa, Pima or Pinal Counties? Yes ☐ No ☐

If Yes, you do not qualify for coverage under the ADEQ Concrete Batch Plant General Permit and must obtain a permit from the appropriate county agency.

- C.** Will generator power be used to any extent? Yes ☐ No ☐

If Yes, and if the total rated horsepower of all internal combustion engines (excluding mobile equipment such as trucks and front-end loaders) is greater than 735 hp, you do not qualify for coverage under the ADEQ Concrete Batch Plant General Permit and must complete an individual permit application package.

- D.** What is your maximum daily production rate? _____ Cubic yards / day

If covered by this General Permit the maximum daily production rate will be limited to 1,060 cubic yards/day (with generator power) or 1,175 cubic yards/day (without generator power).

- E.** If your answer to "D" is greater than 1,060 cubic yards/day and you operate to any extent under generator power, or 1,175 cubic yards/day and you operate exclusively under commercial power, are you willing to limit your operations to the capacities mentioned above?

Yes ☐ No ☐

If No, you do not qualify for coverage under this General Permit.

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<i>Date</i>	

- F.** Table II.A.1 must be completed in order to calculate the total horsepower capacity of internal combustion engines that operate at the plant. Include **ALL** stationary internal combustion engines that will be operating at the plant, including both generator sets and equipment driving engines. Do not include mobile sources such as front-end loaders.

Table II.A.1 INTERNAL COMBUSTION ENGINE HORSEPOWER RATINGS (*)

Manufacturer/ Model Number	Serial # or Equipment ID #	Maximum Brake Horsepower Rating (hp)
TOTAL HP:		

If the Total Horsepower Rating from Table II.A.1 exceeds 735 hp, you do not qualify for coverage under the Concrete Batch Plant General Permit. Please complete an individual permit application package.

* Internal combustion engines which meet the definition of “non road engine” in 40 CFR 89.2 are exempt from the above determination and also exempt from any requirements in the General Permit. If claiming a non road exemption, please provide EPA Exhaust Emission Compliance Statement or equivalent documentation as part of the application.

- G.** Table II.B.1 must be completed in order for ADEQ to monitor miscellaneous source information specific to the applicant’s batch plant operation.

Table II.B.1 MISCELLANEOUS SOURCE INFORMATION

Number of Vehicle Miles Traveled by Front-End Loaders per Hour (VMT/hr):	
Number of Vehicle Miles Traveled by Ready-Mix Trucks per Hour (VMT/hr):	
Number of Storage Piles at the Plant:	
Number of Fly Ash Silos at the Plant:	
Number of Cement Silos at the Plant:	

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FORM 3: EQUIPMENT LIST

ADEQ needs to be able to identify all pieces of equipment covered under the General Permit. Complete Form 3 to provide a list of all pieces of equipment to be permitted including control equipment and internal combustion engines. Please make additional copies if necessary.

Type of Equipment	Maximum Rated Capacity	Make	Model	Serial Number	Date of Manufacture	Equipment I.D. Number

FORM 4: AIR POLLUTION CONTROLS

In order for ADEQ to fully evaluate a General Permit application, the type of air pollution controls utilized must be submitted. This section of the application is intended to assist the applicant in listing the air pollution controls that are utilized at the plant. TABLE 3 must be completed by check marking each emission point(s) with the appropriate air pollution control device. Generally emissions are controlled with spray bars, sprinkler systems and a water truck. In addition, some operators choose to use a chemical surfactant or dust palliative. Shaded boxes represent air pollution control devices which are typically not utilized with the referenced emission point(s).

TABLE 3: AIR POLLUTION CONTROLS CHECKLIST

AIR POLLUTION CONTROL DEVICE	EMISSION POINT								
	Material Handling (Front End Loaders)	Feed Hoppers	Elevated Bins/ Weigh Hoppers	Cement / Fly Ash Silo	Mixer Loading (Truck Mix)	Mixer Loading (Central Mix)	Transfer Points	Haul Roads	Storage Piles
Spray Bars									
Sprinklers									
Water Truck									
Water Hose									
Baghouse									
Other:									
Other:									

FORM 5: DAILY AND ANNUAL HOUR LIMITATIONS WHILE OPERATING IN MARICOPA COUNTY

The applicant is required to calculate the number of hours that will limit the daily and yearly nitrogen oxide (NO_x) emissions to 135 pounds per day and 22.5 tons per year while operating in Maricopa County. The applicant will determine the potential to emit (PTE) for each internal combustion engine (this does not include mobile sources such as front end loaders). Tables 4 and 5 will be used to determine the pounds per hour and tons per year of the listed pollutants. Table 4 will be used for all internal combustion engines with a maximum rated capacity greater than or equal to 600 horsepower. Table 5 will be used for all internal combustion engines with a maximum rated capacity less than 600 horsepower. The applicant must use the emission factor appropriate to the fuel used.

Table 4: Generators with Maximum Capacity of Greater Than or Equal to 600 Horsepower

Pollutant (a)	Maximum Capacity (b)	Emission Factor <i>Diesel</i> (c)	Emission Factor <i>Natural Gas/LPG</i> (d)	Emission Factor <i>Gasoline</i> (e)	Emissions b x (c or d or e)	Conversion Factor (f)	Emissions b x (c or d or e) x f
	<i>(horsepower)</i>	<i>(lb/hp-hr)</i>	<i>(lb/hp-hr)</i>	<i>(lb/hp-hr)</i>	<i>(lb/hr)</i>	<i>(tons/yr) / (lbs/hr)</i>	<i>(tons/yr)</i>
CO		0.0055	0.0029	0.439		4.38	
NO _x		0.024	0.0206	0.011		4.38	
SO ₂		0.0065	0.00000435	0.000594		4.38	
VOCs		0.0007	0.000842	0.0216		4.38	
PM ₁₀		0.0007	0.0000726	0.000721		4.38	

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Table 5: Generators with Maximum Capacity of Less Than 600 Horsepower

Pollutant (a)	Maximum Capacity (b)	Emission Factor <i>Diesel</i> (c)	Emission Factor <i>Natural Gas/LPG</i> (d)	Emission Factor <i>Gasoline</i> (e)	Emissions b x (c or d or e)	Conversion Factor (f)	Emissions b x (c or d or e) x f
	<i>(horsepower)</i>	<i>(lb/hp-hr)</i>	<i>(lb/hp-hr)</i>	<i>(lb/hp-hr)</i>	<i>(lb/hr)</i>	<i>(tons/yr) / (lbs/hr)</i>	<i>(tons/yr)</i>
CO		0.0067	0.0029	0.439		4.38	
NO _x		0.031	0.0206	0.011		4.38	
SO ₂		0.002	0.00000435	0.000594		4.38	
VOCs		0.0025	0.000842	0.0216		4.38	
PM ₁₀		0.0022	0.0000726	0.000721		4.38	

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Table 6 will be used to list the total emissions of each criteria pollutant from all of the generators. Use the numbers calculated in Tables 4 and 5 to fill out the table below.

Table 6: Total Facility Emissions from the Generators (Based on 8,760 hours per year)

Pollutant	Total Emissions lb/hr Totals from Tables 4 and 5	Total Emissions (ton/yr) Totals from Tables 4 and 5
CO		
NO _x		
SO ₂		
VOC		
PM ₁₀		

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The NO_x value listed in Table 6 will be used in Table 7 (column a) to calculate the allowable daily hours of operation while in Maricopa County. The allowable hours of operation per day is calculated by taking maximum allowable emissions in lb/day listed in column (b) and dividing by the total emissions in column (a). The allowable hours of operation per year is calculated by taking the allowable hours of operation per day listed in column (c) and multiplying by 365.

Table 7: Allowable daily hours of operations while in Maricopa County

Pollutant	Emissions from Table 6 (a)	Maximum allowable emissions (b)	Allowable Hours of operations per day (c)	Allowable Hours of operations per year (d)
	(lb/hr)	(lb/day)	b / a	c x 365
NO _x		135		

ALLOWABLE HOURS PER DAY LIMIT CHECKLIST

Are the allowable hours of operation per day in column (c) of Table 7 greater than 24 hours?

- ☐ YES ☐ NO **If the answer is YES**, the maximum allowable hours of operation per day is 24 hrs.
If the answer is No, the maximum allowable hours of operation per day is the value listed in column (c) of Table 7.

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Date	

The NO_x value listed in Table 6 will be used in Table 8 (column a) to calculate the allowable yearly hours of operation while in Maricopa County. The allowable hours of operation per year listed in Table 6 (column d) will be used in Table 8 (column b). The allowable hours of operation per year, listed in Table 8 (column d), is calculated by first taking the maximum allowable emissions in tons/year listed in column (c) and multiplying by that number 2000 and then dividing by the total emissions in column (a).

Table 8: Allowable annual hours of operations while in Maricopa County

Pollutant	Emissions from Table 6 (a)	Allowable Hours of operation per year (Ref. Table 6, column d) (b)	Maximum allowable emissions (c)	Allowable Hours of operations per year (d)
	(lb/hr)	(hr/year)	(tons/year)	(c x 2000) / a
NO _x			22.5	

ALLOWABLE HOURS PER YEAR LIMIT CHECKLIST

A. Are the allowable hours of operation per year in column (b) and column (d) of Table 8 greater than 8,760hrs?

☐ YES ☐ NO **If the answer is YES**, the maximum allowable hours of operation per year is 8,760 hrs.
If the answer is No, proceed to Question B.

B. Are the allowable hours of operation in column (b) of Table 8 for greater than the allowable hours of operation in column (d) of Table 8?

☐ YES ☐ NO **If the answer is YES**, the maximum allowable hours of operation per year is the value listed in column (d) of Table 8.
If the answer is No, the maximum allowable hours of operation per year is the value listed in column (b) of Table 8.

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<i>Engineer's Initials</i>	
<i>Date</i>	

FORM 6: OPERATION AND MAINTENANCE PLAN

In order for the applicant to be granted coverage under the Concrete Batch Plant General Permit, the applicant must submit and agree to operate in accordance with an acceptable Operation and Maintenance (O&M) plan which identifies the procedures utilized to maintain its air pollution controls. This section of the application is intended to assist the applicant in the development of their O&M plan. Mark the appropriate boxes that best describe the startup and shutdown procedures, operations plan, and maintenance plan for your batch plant operation. If the given descriptions do not describe your operation or have left something out, please fill in the box marked other with this information. The applicant should make additional copies of any pages necessary in order to submit a complete O&M plan.

1. STARTUP AND SHUTDOWN PROCEDURES

a. Water Truck

i. Startup

☐ Check water supply, inspect nozzles and open all associated valves before startup.

☐ Other: _____

☐ Not Applicable

ii. Shutdown

☐ Inspect nozzles and close all associated valves after shutdown.

☐ Other: _____

☐ Not Applicable

b. Processing Plant Water Spray Dust Suppression

i. Startup

☐ Check water supply, inspect nozzles and open all associated valves before startup.

☐ Other: _____

☐ Not Applicable

FORM 6: OPERATION AND MAINTENANCE PLAN, CONTINUED

1. STARTUP AND SHUTDOWN PROCEDURES, CONTINUED

Shutdown

☐ Inspect nozzles and close all associated valves after shutdown.

☐ Other: _____

☐ Not Applicable

A. Baghouse

i. Startup

☐ Visual inspection of: product lines, vent lines and all fittings, including dust shroud and baghouse blower.

☐ Other: _____

☐ Not Applicable

ii. Shutdown

☐ Check that all pressurized systems are off.

☐ Other: _____

☐ Not Applicable

b. Other Control Device:

i. Startup

☐ _____

ii. Shutdown

☐ _____

FORM 6: OPERATION AND MAINTENANCE PLAN, CONTINUED

2. OPERATIONS PLAN

a. Water Truck Operation

☐ Water truck to be operated simultaneous with pit and/or yard loading operations. These activities include earth moving, unpaved haul roads, storage piles and inactive disturbed areas. Water spray application rate will be determined based on the occurrence of visible dust and may vary depending on existing road conditions, traffic, wind, temperature, and precipitation.

☐ Other: _____

☐ Not Applicable

b. Processing Plant Water Spray Dust Suppression Operation

☐ The water sprays will be utilized to control dust during material processing whenever the material is not adequately wet to prevent visible emissions from occurring in excess of the applicable opacity limits listed in the Concrete Batch Plant General Permit. Sprays will be located at designated transfer points and will be operated as needed to meet the applicable opacity limits listed in the Concrete Batch Plant General Permit. Visual opacity observations will be made regularly to verify proper functioning of equipment.

☐ Other: _____

☐ Not Applicable

c. Baghouse Operation

☐ The baghouse will be operated at all times when pertinent equipment is operating. The following parameters shall be monitored and recorded once daily during operation:

- (1) Pressure drop between exhaust and inflow shall be maintained between ____ and ____ inches of water;
- (2) Damper setting shall be between ____ and ____ percent; and
- (3) Stack exhaust temperature shall be below ____.

Visual opacity observations will be made regularly to verify proper functioning of equipment. When emissions are suspected to approach compliance values, equipment will be checked for problems.

☐ Other: _____

☐ Not Applicable

d. Wash Plant Operation

☐ Spray bars will be used in such a manner that the material in the wash plant will remain sufficiently wet so as not to cause visible emissions.

☐ Other: _____

☐ Not Applicable

e. Other Control Device Operation:

☐ _____

3. MAINTENANCE PLAN

a. Water Truck Maintenance

☐ A safety check and equipment check will be conducted daily. Normal vehicle maintenance will be performed regularly or as needed.

☐ Other: _____

☐ Not Applicable

b. Processing Plant Water Spray Dust Suppression Maintenance

☐ The spray system will be checked daily for performance. Nozzles and valves will be cleaned or replaced as needed.

☐ Other: _____

☐ Not Applicable

c. Baghouse Maintenance

☐ Baghouse pressure and temperature gauges, flow meters, and other associated instruments will be checked daily for proper functioning. Abnormal readings will normally detect equipment failures or leaks. Any detected equipment failures will be remedied as soon as possible. Baghouse ducts, hoods, framework, and housing will be checked daily for signs of wear from corrosion, erosion, excessive heat, and excessive moisture when operating. Fan motor, and bearings, shaking device, reverse jet blow rings, valves, and dampers will be lubricated regularly and checked for wear.

☐ Other: _____

☐ Not Applicable

d. Other Control Device:

☐ _____

FORM 7: COMPLIANCE PLAN/CERTIFICATION

Applicant hereby affirms that it is in compliance with all applicable requirements of the General Permit and will continue to comply with such requirements.

For any additional applicable requirements that become effective during the term of the General Permit, Applicant affirms that it will meet such requirements on a timely basis.

In order for the Applicant to be granted coverage under the General Permit, the Applicant must submit and agree to operate in accordance with an acceptable Operation and Maintenance (O&M) plan which identifies the procedures utilized to maintain its air pollution controls. If the Applicant is a Rental Company, the renter or lessee must submit the O&M plan to the Rental Company and agree to operate in accordance with it.

Applicant hereby affirms that it will operate its air pollution controls identified on FORM 3 in accordance with the O&M plan listed on FORM 6. If the Applicant is a Rental Company, the renter or lessee must agree to operate its air pollution controls identified on FORM 3 in accordance with the O&M plan listed on FORM 6.

Annual Reporting Requirements

The Applicant hereby affirms that it will submit a compliance certification once each year on September 30th. The compliance certification shall describe the compliance status of the source with respect to each general permit condition and the methods used for determining the compliance status.

The Applicant hereby affirms that it shall complete and submit to the Director an annual emissions inventory questionnaire. The questionnaire is due by March 31st or ninety days after the Director makes the inventory form available each year, whichever occurs later, and shall include emission information for the previous calendar year.

Certification of Compliance and Truth Accuracy and Completeness

This certification must be signed by a Responsible Official. Applications without a signed certification will be deemed incomplete.

I certify that I have knowledge of the facts herein set forth and in this application, that the same are true, accurate and complete to the best of my knowledge and belief, and that all information not identified by me as confidential in nature shall be treated by the Arizona Department of Environmental Quality as public record. I further state that I will assume responsibility for the construction, modification, or operation of the source in accordance with the Arizona Administrative Code, Title 18, Chapter 2 and the Concrete Batch Plant General Permit or I will ensure that this responsibility is delegated to the renter or lessee by providing them a copy of the Concrete Batch Plant General Permit and relevant Authorizations To Operate (ATOs).

Typed or Printed Company Name: _____

Official Title of Signer: _____

Typed or Printed Name of Signer: _____

Signature of Responsible Official: _____ Date: _____

FORM 8: Fee Rule Summary for General Permits

SOURCE			
GENERAL PERMIT			
CLASS II			
TITLE V		NON - TITLE V	
APPLICATION FEE \$500	<u>ANNUAL ADMINISTRATIVE FEE</u>	APPLICATION FEE \$500	<u>ANNUAL INSPECTION FEE</u>
	Small Source: \$500 All Other Sources: \$3,000		Gasoline Service Stations: \$500 Crematoriums: \$1,000 All Others: \$2,000
There is no fee for transfers, administrative amendments, or 317 changes of permits. Administrative and Inspection fees are due each year no later than March 31st or 60 days after the Director mails the invoice, whichever is later. Information for this table was taken from A.A.C. R18-2-511			